



PTQ/SB/C8A (C3-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known

Application Number	10/658/569
Filing Date	September 9, 2003
First Named Inventor	George EMANUEL
Art Unit	3752
Examiner Name	Unassigned
Attorney Docket Number	KSY 02655 PTUS

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	FOREIGN PATENT DOCUMENTS		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Foreign Patent Document	Publication Date MM-DD-YYYY			
		Country Code ² "Number ³ "Kind Code ⁴ (If known)				
OY	AA	GB 2 228 138 A	08/15/1990	Societe Anonyme dite		
	AB	EP 0891 022 A1	01/13/1999	TRW, Inc.		

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PTO/SB/08A (08-00)

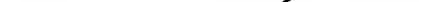
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Approved for use through 10-31-2002. GPO 00097-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	10/658,569
		Filing Date	September 9, 2003
		First Named Inventor	Emanuel, George
		Group Art Unit	3752
		Examiner Name	Unassigned
Sheet	of	Attorney Docket Number	
		KSY 02655 PTUS	

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	1/5/06
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

of

Complete if Known

Application Number	10/658,569
Filing Date	September 9, 2003
First Named Inventor	Emanuel, George
Group Art Unit	3752
Examiner Name	Unassigned
Attorney Docket Number	KSY 02655 PTUS

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>EV</i>		AIAA 94-2416, "Historical Perspectives of the Chemical Oxygen - Iodine Laser (COIL)," by P.V. Avizonis & K.A. Truesdell, 25 th AIAA Plasmadynamics and Lasers Conference, June 20-23, 1994, Colorado Springs, CO	
		AIAA 94-2421, "COIL Development in the USA" by K.A. Truesdell, C.A. Helms & G.D. Hager, 25 th AIAA Plasmadynamics and Lasers Conference, June 20-23, 1994, Colorado Springs, CO	
		AIAA 2000-2425, "High Mach Number, High Pressure Recovery COIL Nozzle Aerodynamic Experiments" by T.T. Yan, R.A. Dickerson, L.F. Moon & Y.C. Hsia, 31 st AIAA Plasmadynamics and Lasers Conference, June 19-22, 2000, Denver, CO	
		"Gas, Chemical and Electrical Lasers and Intense Beam Control and Applications," by Santanu Basu, Steven J. Davis & Ernest A. Dorko, Proceedings of SPIE, January 24-25, 2000, San Jose, CA	
		"Computational Analysis of the Transonic Flow Field of Two-Dimensional Minimum Length Nozzles" by B.M. Argrow & G. Emanuel, <i>Journal of Fluids Engineering</i> , September 1991, Vol. 113	
		"Performance of an Aerospace Plane Propulsion Nozzle" by Y.Y. Bae & G. Emanuel, <i>Journal of Aircraft</i> , Vol. 28, Number 2, February 1991	
		"Comparison of Minimum Length Nozzles" by B.M. Argrow & G. Emanuel, <i>Journal of Fluids Engineering</i> , September 1998, Vol. 110	
		"Design of Nozzle Contraction for Uniform Sonic Throat Flow", T.-L. Ho & G. Emanuel, <i>AIAA Journal</i> , Vol. 28, No. 4 Technical Notes	
		"Gasdynamics: Theory and Applications" By George Emanuel, <i>AIAA Education Series</i> , 1986.	
		Handbook of Chemical Lasers, Ch. 5 "Gas Dynamics of Supersonic Mixing Lasers," G. Grohs & G. Emanuel, TRW Systems Group, 1976	
<i>EV</i>		Analytical Fluid Dynamics, Second Edition, George Emanuel, Professor, Department of Mechanical and Aerospace Engineering, University of Texas, Arlington, dated 2001	

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Date Considered

1/5/06

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